

# Eaton

## UTL7122G1W5P16AWG

Evaluation kit, with male jam nut receptacle and contacts, 2G1W5 layout;  
UTL7122G1W5P16AWG

|                                 |                                                                                                      |
|---------------------------------|------------------------------------------------------------------------------------------------------|
|                                 |                                                                                                      |
| <b>PRODUCT NAME</b>             | Eaton Souriau UTL series<br>uL/IEC power and control<br>supply                                       |
| <b>CATALOG NUMBER</b>           | UTL7122G1W5P16AWG                                                                                    |
| <b>PRODUCT<br/>LENGTH/DEPTH</b> | 36 mm                                                                                                |
| <b>PRODUCT HEIGHT</b>           | 28.8 mm                                                                                              |
| <b>PRODUCT WIDTH</b>            | 31.9 mm                                                                                              |
| <b>PRODUCT WEIGHT</b>           | 23 g                                                                                                 |
| <b>COMPLIANCES</b>              | IEC 61984 (please contact<br>us for more details)<br>UL 1977 (please contact us<br>for more details) |

|                                |                                                                                                                                                                                                                                                         |
|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                |                                                                                                                                                                                                                                                         |
| CURRENT RATING                 | 16 A IEC<br>16 A UL                                                                                                                                                                                                                                     |
| FITTED WITH:                   | Layout with ground cavity<br>First mate last break<br>capability                                                                                                                                                                                        |
| ENVIRONMENTAL<br>CONDITIONS    | RoHS<br>Flammability rating UL94<br>V0<br>REACH                                                                                                                                                                                                         |
| ENVIRONMENTAL<br>RESISTANCE    | Resistant against basic<br>bath<br>Resistant against oil<br>Resistant against mineral<br>oil<br>Resistant against acid bath<br><br>UV resistant, no<br>degradation after 5 years<br>of exposure in natural<br>environment<br>Resistant against gasoline |
| TEST CURRENT                   | 16 A UL16 A IEC                                                                                                                                                                                                                                         |
| TEST VOLTAGE                   | 600 V UL<br>500 V IEC                                                                                                                                                                                                                                   |
| CONNECTOR ACCESSORY<br>OPTION  | No backshell possibility                                                                                                                                                                                                                                |
| CONNECTOR TYPE                 | Receptacle                                                                                                                                                                                                                                              |
| CONTACT DELIVERY               | Unloaded                                                                                                                                                                                                                                                |
| CONTACT GENDER                 | Pin (Male)                                                                                                                                                                                                                                              |
| CONTACT TYPE                   | Crimp                                                                                                                                                                                                                                                   |
| COUPLING TYPE                  | Push-Pull                                                                                                                                                                                                                                               |
| DEGREE OF PROTECTION           | IP68                                                                                                                                                                                                                                                    |
| INSERT MATERIAL                | Polyamide                                                                                                                                                                                                                                               |
| LAYOUT                         | 2G1W5                                                                                                                                                                                                                                                   |
| SHELL MATERIAL                 | Plastic                                                                                                                                                                                                                                                 |
| SHELL SIZE                     | 12                                                                                                                                                                                                                                                      |
| MATING CYCLES                  | 1000                                                                                                                                                                                                                                                    |
| OPERATING<br>TEMPERATURE - MAX | 105 °C                                                                                                                                                                                                                                                  |
| OPERATING<br>TEMPERATURE - MIN | -40 °C                                                                                                                                                                                                                                                  |
| RECEPTACLE TYPE                | Jam Nut Receptacle                                                                                                                                                                                                                                      |
| NUMBER OF CONTACTS             | 8                                                                                                                                                                                                                                                       |
| NUMBER OF CAVITY #16           | 3                                                                                                                                                                                                                                                       |
| NUMBER OF CAVITY #20           | 5                                                                                                                                                                                                                                                       |



|              |           |
|--------------|-----------|
| NUT MATERIAL | Plastic   |
| SALT SPRAY   | 1000 hour |

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

:



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